

INT-03-002



May 11, 2004

To: Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
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Subject: | Serial No. 10/782,364 02/19/04 |  
Thomas Aisenbrey  
TRANSFORMER (TRANSDUCTOR) BASED ON  
CONDUCTIVE COMPOSITES  
| \_\_\_\_\_ |

#### INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation  
In An Application.

The following Patents and/or Publications are submitted to  
comply with the duty of disclosure under CFR 1.97-1.99 and  
37 CFR 1.56.

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as first class  
mail in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on May 17, 2004.

Stephen B. Ackerman, Reg.# 37761

Signature/Date Stephen B. Ackerman 5/17/04

U.S. Patent 5,771,027 to Marks et al., "Composite Antenna," describes a composite antenna having a grid comprised of electrical conductors woven into the warp of a resin reinforced cloth forming one layer of a multi-layer laminate structure of an antenna.

U.S. Patent 6,249,261 to Solberg, Jr. et al., "Polymer, Composite, Direction-Finding Antenna," describes a direction-finding material constructed from polymer composite materials, which are electrically conductive.

U.S. Patent 4,748,436 to Kanamori et al., "Noise Prevention High Voltage Resistance Wire," describes a high voltage resistance wire formed of a conductive composite mixed with a polymer.

U.S. Patent 4,035,710 to Joyce, "Pulse Width Modulated Voltage Regulator-Converter/Power Converter Having Means for Improving the Static Stability Characteristics Thereof," describes a voltage regulator-converter/power converter, which uses a transinductor, a multiple winding inductive element.

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U.S. Patent 5,654,881 to Albrecht et al., "Extended Range DC-DC Power Converter Circuit," describes a single stage power converter. The converter uses a transinductor, a multiple winding inductive element, having a primary winding providing energy storing inductance.

UK Patent Application GB 2 377 449 A to Michael Patrick Sayers, "Electrically conductive polymer composition," discloses an electrically conductive composition which comprises a polymeric material and a plurality of metal fibres dispersed within the polymeric material.

U.S. Patent Application INT-03-001, Serial No. 10/780,214, filed 02/17/04, entitled "Low Cost Antennas and Electromagnetic (EMF) Absorption in Electronic Circuit Packages or Transceivers Using Conductive Loaded Resin-Based Materials," assigned to the same assignee, describes low cost antennas and electromagnetic absorption structures using conductive loaded resin-based materials.

Sincerely,

A handwritten signature in black ink, appearing to read 'SBA', with a stylized flourish extending from the end.

Stephen B. Ackerman,  
Reg. No. 37761

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

MAY 19 2004

(Use several sheets if necessary)

Document Number (Optional)

INT-03-002

Application Number

10/782,364

Applicant

Thomas Aisenbrey

Filing Date

02/19/04

Class of Invention

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	TITLE	CLASS	SUBCLASS	PUBLICATION DATE IF APPROPRIATE
	5771027	6/23/98	Marks et al.	343	912	4/28/97
	6249261	6/19/01	Solberg, Jr. et al.	343	801	3/23/00
	4748436	5/31/88	Kanamori et al.	338	214	5/21/87
	5654881	8/5/97	Albrecht et al.	363	25	3/1/96
	4035710	7/12/77	Joyce	363	37	10/20/75

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
GB 2	377449A	1/15/03	United Kingdom	C08K	3/08	7/06	

## OTHER DOCUMENTS (Including Author, Title, Date, Portmanteau Pages, Etc.)

-	US Patent App. INT-03-001, Serial No. 10/780,214, filed 02/17/04, "Low Cost Antennas and Electro-magnetic (EMF) Absorption in Electronic Circuit Packages or Transceivers Using Conductive Loaded Resin-Based Materials", assigned to the same assigner.
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EXAMINER

DATE CONSIDERED